

Claims

1. A disk brake unit for a motorcycle, comprising at least one piston built into a caliper body having a substantially U-shaped cross section with an outer section and an inner section connected by a bridge section, an outer pad attached to the outer section, an inner pad attached to the inner section, and an outer periphery of a brake disk inserted between the outer pad and the inner pad wherein on actuation of said piston, said outer pad and inner pad press said brake disk, wherein

part of the piston projects beyond an outer peripheral edge of the brake disk to an outer side,

the outer pad and the inner pad do not project out further than the outer peripheral edge of the brake disk, and

part of the bridge section projects further inwards than an outer peripheral edge of the piston.

2. A disk brake unit for a motorcycle, having at least one piston built into a caliper body having a substantially U-shaped cross section with an outer section and an inner section connected by a bridge section, an outer pad attached to the outer section via an outer back plate, an inner pad attached to the inner section via an inner back plate, and an outer periphery of a brake disk inserted between the outer pad and the inner pad wherein on actuation of said piston, said outer pad and inner pad press said brake disk, wherein

part of the piston projects beyond an outer peripheral edge of the brake disk to an outer side,

the outer pad and the inner pad do not project out further than the outer peripheral edge of the brake disk,

with the inner back plate and the outer back plate, that part corresponding to the piston is formed to have a portion which follows an outer peripheral edge of the piston, while the remaining part is formed to have a portion which follows the peripheral edge of the brake disk, and

part of the bridge section is projects further inwards than the outer peripheral edge of the piston by forming the bridge section to have a portion which follows the respective back plates.

3. The disk brake unit for a motorcycle as disclosed in claim 1, wherein there are a plurality of pistons, the plurality of pistons being lined up along the outer peripheral edge of the brake disc at specified intervals, with part of the bridge section being caused to project between these pistons.

4. The disk brake unit for a motorcycle as disclosed in claim 2, wherein there are a plurality of pistons, the plurality of pistons being lined up along the outer peripheral edge of the brake disc at specified intervals, with part of the bridge section being caused to project between these pistons.